

MathFLIX CHALLENGE

Decimal Problems to Non-Decimal Problems Measures

We use both decimal and non-decimal numbers everyday. Complete the following subtraction problems to strengthen your understanding of the difference between the two kinds of numbers. You will probably strengthen your enthusiasm for decimals, too!

Decimal Numbers

————— *Measurement: Metric Units* —————

$$\begin{array}{r} 1) \quad 6.1 \text{ km} \\ - \quad 2.2 \text{ km} \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 6.1 \text{ cm} \\ - \quad 2.2 \text{ cm} \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 6.1 \text{ mm} \\ - \quad 2.2 \text{ mm} \\ \hline \end{array}$$

————— *Money* —————

$$\begin{array}{r} 1) \quad \$ 600.30 \\ - \quad \$ 200.40 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad \$ 60.30 \\ - \quad \$ 20.40 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad \$ 6.30 \\ - \quad \$ 2.40 \\ \hline \end{array}$$

————— *Hindu-Arabic Numeration System* —————

$$\begin{array}{r} 1) \quad 600.13 \\ - \quad 200.14 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 60.13 \\ - \quad 20.14 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 6.1323 \\ - \quad 2.1424 \\ \hline \end{array}$$

Non-Decimal Numbers

————— *Measurement: U.S. (Imperial) Units* —————

$$\begin{array}{r} 1) \quad 6 \text{ miles, } 1 \text{ foot} \\ - \quad 2 \text{ miles, } 2 \text{ feet} \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 6 \text{ yards, } 1 \text{ foot} \\ - \quad 2 \text{ yards, } 2 \text{ feet} \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 6 \text{ feet, } 1 \text{ inch} \\ - \quad 2 \text{ feet, } 2 \text{ inches} \\ \hline \end{array}$$

————— *Time: Calendar* —————

$$\begin{array}{r} 1) \quad 6 \text{ years, } 3 \text{ months} \\ - \quad 2 \text{ years, } 4 \text{ months} \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 6 \text{ years, } 3 \text{ weeks} \\ - \quad 2 \text{ years, } 4 \text{ weeks} \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 6 \text{ weeks, } 3 \text{ days} \\ - \quad 2 \text{ weeks, } 4 \text{ days} \\ \hline \end{array}$$

————— *Time: Clock* —————

$$\begin{array}{r} 1) \quad 6 \text{ days, } 13 \text{ hours} \\ - \quad 2 \text{ days, } 14 \text{ hours} \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 6 \text{ hours, } 13 \text{ minutes} \\ - \quad 2 \text{ hours, } 14 \text{ minutes} \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 6 \text{ hours, } 13 \text{ minutes, } 23 \text{ seconds} \\ - \quad 2 \text{ hours, } 14 \text{ minutes, } 24 \text{ seconds} \\ \hline \end{array}$$